

Material Safety Data Sheet

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X-Tenda Coat™ EPDM Activator

MSDS No. 303495

Date of Preparation: 8/1/2014

Revision: 008

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: X-Tenda Coat™ EPDM Activator

Chemical Formula: Mixture

CAS Number: N/A

Other Designations: N/A

General Use: Wash primer for coating EPDM membranes

Manufacturer: Carlisle SynTec Incorporated, 1285 Ritner Highway, Carlisle, PA 17013, Phone (717)245-7000, (Business hours 8:00 a.m. to 5:00 p.m.), **(For Transportation Emergencies Call Chemtrec: 800/424-9300)**

Section 2 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Appearance/odor: Pink liquid, mild odor

Warning – Causes mild skin irritation

Warning – Causes eye irritation

Warning – may cause respiratory irritation, drowsiness, and dizziness.

Potential Health Effects

Primary Entry Routes: Eye contact, inhalation, skin contact

Acute Effects

Inhalation: Inhalation of vapor or mist can cause irritation of the nose, throat, and lungs.

Eye: Direct contact with material can cause slight irritation.

Skin: Prolonged or repeated skin contact can cause slight skin irritation and reddening.

Carcinogenicity: IARC, NTP, and OSHA do not list EPDM Coating Primer as a carcinogen.

HMIS

H 1

F 0

R 0

PPE †

†Sec. 8

Section 3 - Composition / Information on Ingredients

Hazardous Ingredients	CAS Number	% wt or % vol
NONE		
Additional Ingredients		
Inorganic salts	Not hazardous	1.0 – 5.0
Anionic/nonionic surfactant mixture	Not hazardous	1.0 – 4.0
WATER	7732-18-5	60 - 100

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. If breathing is difficult, administer oxygen. Only trained personnel should administer oxygen. Prevent aspiration of vomit. Turn victims head to the side. Assure open airway. Call a physician immediately.

Eye Contact: Hold eyelids apart and immediately flush with plenty of water for at least 15 minutes. If eye irritation persists, consult a physician

Skin Contact: Remove product and immediately flush affected area with plenty of water. Discard or launder contaminated clothing before reuse. If skin irritation persists, consult a physician.

Ingestion: If swallowed, do not induce vomiting. Administer 2 glasses of water. If vomiting occurs, give fluids again. Never give anything by mouth to an unconscious or convulsing person. **Consult a physician if necessary.**

After first aid, get appropriate in-plant, paramedic, or community medical support.

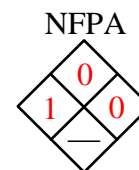
Note to Physicians: No specific antidote. Supportive care, treatment based on judgment of the physician in response to reactions of the patient.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Fire-Fighting Instructions: Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.



Section 6 - Accidental Release Measures

Personal Precautions: Use personal protective equipment recommended in Section 8.

Environmental Precautions: WARNING: KEEP SPILLS AND CLEANING RUNOFFS OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER. NOTE: Spills on porous surfaces can contaminate groundwater.

Spill /Leak Procedures:

Small Spills: Contain spills immediately with inert materials (e.g. sand, earth). If material is spilled in a confined area, ventilate the area well. Keep spectators away. Floor may be slippery; use care to avoid falling. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

Large Spills Use same procedure as small spill.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup:

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Avoid contact with eyes, skin and clothing. Wash after handling and shower at end of work period. Do not handle material near food or drinking water. Do not breathe vapors, mist or gas.

Storage Requirements: Keep from freezing. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.

Section 8 - Exposure Controls / Personal Protection

Use Respiratory Protection to Avoid Inhalation of Aerosol/Mist

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems with a minimum capture velocity of 100 ft/min at the point of vapor evolution to maintain airborne concentrations below OSHA PELs for mists/dusts of 10mg/m³. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear a SCBA.

Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots with rubber soles, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Flash Point: Non-combustible.

Flash Point Method: N/A

Autoignition Temperature: N/A

LEL: N/A

UEL: N/A

Physical State: Liquid

Appearance and Odor: Pink liquid, mild odor.

Odor Threshold: Not available

Boiling Point: 212°F (100°C)

Freezing/Melting Point: 32° F (0°C)

% VOC: 0.0%

Evaporation Rate: as water

Vapor Pressure: 17.0 hPa at 20° C

Vapor Density (Water=1): < 1.0.

Specific Gravity (H₂O=1, at 4 °C): 1.0076

pH: 6.0 – 8.0

Section 10 - Stability and Reactivity

Stability: X-Tenda Coat EPDM Activator is stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of Hazardous Reactions: Not expected to occur.

Chemical Incompatibilities: There are no known materials which are incompatible with this product.

Conditions to Avoid: Do not expose to extreme heat or extreme cold.

Hazardous Decomposition Products: None known.

Section 11- Toxicological Information

Toxicity Data:

Acute oral toxicity: LD50 rat >2,000 mg/kg

Acute dermal toxicity: LD50 rat >2,000 mg/kg

Skin irritation: rabbit slight irritation

Eye irritation: rabbit slight irritation

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION:

Toxicity to fish: LC50 Rainbow trout (*Oncorhynchus mykiss*) 96 h, 262 mg/l

Toxicity to algae: EC50 Algae (*Pseudokirchneriella subcapitata*) 96 h, 50 mg/l based on cell density

Toxicity to aquatic invertebrates: LC50 *Daphnia magna* 48 h, 220 mg/l

CHEMICAL FATE INFORMATION:

Spills on porous surfaces can contaminate groundwater .

Section 13 - Disposal Considerations

Disposal: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above.

Waste Classification: 40 CFR 261.20 - .24 - **Characteristic Waste D002**

When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Not regulated for transport

Section 15 - Regulatory Information

Workplace Classification

Status of substance lists: The concentrations shown in section 2 are maximums for ceiling levels (weight %) to be used for calculations for regulations.

This product is not a 'controlled product' under the Canadian Workplace Hazardous Information System (WHMIS)

OSHA: This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

Federal EPA: Comprehensive environmental response, compensation and liability act of 1980 (CERCLA) requires notification of the national response center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

Components present in this product at a level that could require reporting under the statute are: **None**

Superfund amendments and reauthorization act of 1986 (SARA) Title III.

Requires emergency planning based on threshold planning quantities (tpqs) and release reporting based on reportable quantities (rqs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). this information must be included in all MSDSs that are copied and distributed for this material.

This product does not contain a chemical which is listed in Section 313 at or above de minimus concentrations.

Toxic Substances Control Act (TSCA) status:

The components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CERCLA Information (40CFR302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

State Regulations:

California Proposition 65:

This product contains trace levels of a component or components known to the state of California to cause cancer:

Dioxane CAS # 123-91-1

Section 16 - Other Information

Prepared By: Research and Development

Revision Notes: General review

Disclaimer: The information contained in this document is based upon data that was supplied to Carlisle by other companies and organizations. No warranty of merchantability or fitness for a particular purpose is expressed or implied regarding the accuracy or completeness of the data and/or information in this material safety data sheet.